

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20060285111"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/15 13:46
S2	2	"20080013070"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/15 15:26
S3	19	(kawate, etsuo).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 10:04
S4	8	("20020029436"   "20030016358"   "20040008346"   "20040169863").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:09
S5	0	"200030016358"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:10
S6	2	"20030016358"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:10
S7	2	"20010029436"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:10
S8	654241	dielectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:42
S9	1357	complex NEAR dielectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 11:44

S10	10664	S NEAR polarized	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 12:58
S11	40	S10 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 12:58
S12	948	356/51.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 13:33
S13	50	S12 and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 13:37
S14	45	complex NEAR dielectric NEAR layer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 13:47
S15	102	complex NEAR dielectric NEAR3 layer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 13:47
S16	2021	(dielectric NEAR constant) SAME interfere\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 13:52
S18	196	(moveable) NEAR detector	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 16:18
S19	15	S18 and dielectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 16:19
S20	47828	polarization and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:05

S21	87541	S8 and polari\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:06
S22	2560	S21 and "356"/\$.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:06
S23	1791	S22 and (substrate or wafer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:06
S24	856	S23 and (spectral)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:07
S25	145451	dielectric constant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:07
S26	899	S25 and "356"/\$.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:07
S27	21658	S25 and interfer\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:07
S28	474	S26 and interfer\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:08
S29	1159	measure NEAR4 dielectric constant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:08
S30	0	S29 and intefer\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 17:08

S32	2	"20070109544"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 18:16
S33	1159	measure NEAR4 dielectric constant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/17 09:39
S34	221	S33 and interfere\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/17 09:39
S35	15	(complex NEAR dielectric NEAR constant) SAME interfere\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/17 09:47
S36	0	(complex NEAR5 dielectric NEAR5 constant) and multiple internal reflections	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/16 17:44
S37	3	(complex NEAR5 dielectric NEAR5 constant) and multiple internal reflections	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/16 17:44
S38	74	(dielectric NEAR5 constant) and multiple internal reflections	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/16 17:45
S39	60	S38 and spectr\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/16 17:46
S40	44	S39 and (thin NEAR6 film)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/16 17:47
S41	51	("3485552"   "4035070"   "4362361"   "4660932").PN. OR ("4711526").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/17 11:16
S42	11	irradiation light NEAR3 (s NEAR2 polarized)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:48

S43	0	S42 and dielectric NEAR constant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:48
S44	153390	dielectric NEAR2 constant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:49
S45	58	irradiation light SAME (s NEAR5 polarized)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:49
S46	7	S45 and S44	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:49
S47	12718	(source or laser or light or irradiation) SAME (s NEAR5 polarized)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:51
S48	476	S47 and S44	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:51
S49	280	S48 and thin film	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:52
S50	3	S49 and multiple internal reflections	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 13:52
S51	3	"20040161257"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 11:06
S52	1288	(complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 13:47

S53	282	S52 and thin near film	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 13:48
S54	306	S52 and (thin near2 film)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 13:48
S55	210	S54 and frequency	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 13:48
S56	1036	356/51.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 13:49
S57	670	(356/630).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:29
S58	1496	(356/630,625,632).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:29
S59	4	S58 and S52	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:29
S60	8286	(dielectric constant) same epsilon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:55
S61	5891	(dielectric constant) with epsilon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:55
S62	132	(complex dielectric constant) with epsilon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:55

S63	9	S62 and "356"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:55
S64	148	(complex dielectric constant) same epsilon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:56
S65	12	S64 and "356"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:56
S66	2	"5625455".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 14:58
S67	236	356/504.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 17:01
S68	13	S67 and (dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 17:12
S69	0	S67 and (complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 17:29
S70	104	"356"/\$ and (complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 17:29
S71	23	"356"/\$ and ((complex NEAR3 dielectric NEAR3 constant) same (refractive index))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/27 17:30
S72	2	"7352512"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 10:28

S73	63	"427"/\$ and (complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 10:37
S74	39	S73 and spect\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 10:37
S75	50	S73 and reflect\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 10:37
S76	3821	(356/369,364-369,630,438). ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 11:06
S77	26	S76 and (complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/28 11:06
S78	13	("4999509"   "5754296"   "5889592"   "5953446"   "5999267"   "6002485"   "6268916"   "6278519"   "6297880"   "6320657"   "6532076"   "6597463").PN. OR ("7196793").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/28 11:06

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S79	4267	(356/369,364-369,630,625,632,438,504).ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:17
S80	28	S79 and (complex NEAR3 dielectric NEAR3 constant)	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:17
S81	48	S79 and (complex NEAR3 dielectric)	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:17
S82	74	(complex dielectric constant).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:20



S83	2	(complex dielectric constant and thin film).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:20
S84	3	(complex dielectric constant and reflection).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:22
S85	12	(complex dielectric constant and transmission).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:24
S86	23	(complex dielectric constant and transmi\$).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:24
S87	0	(complex dielectric constant and internal reflections).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:32
S88	0	(complex dielectric constant and multiple internal).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:32
S89	0	(complex dielectric constant and multiple NEAP3 reflect\$).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:33
S90	47	(complex dielectric constant and frequency).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:35
S91	47	(complex dielectric constant and frequen\$).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:35
S92	2	(relative transmittance and frequen\$).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:40
S93	110	(multiple internal reflection).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:41
S94	9	(multiple internal reflection and dielectric).dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/28 11:41

8/ 28/ 2009 1:46:16 PM

C:\Documents and Settings\mlapage\My Documents\EAST\Workspaces\10579781.wsp